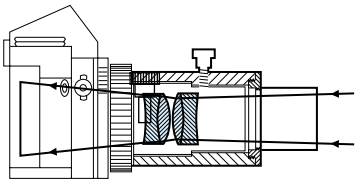
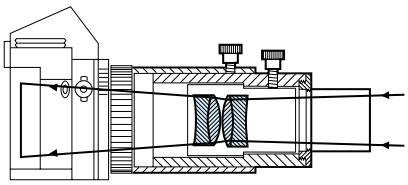
Meade® Photographic Adapters

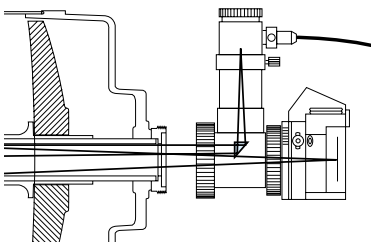
For astrophotography with telescopes of all types.



Basic Camera Adapters (1.25" and .965"): Meade professional-quality camera adapters permit a rigid coupling of standard 35mm SLR cameras to reflecting or refracting telescopes. The adapters are simply and directly attached to virtually any 35mm camera with removable lens and are available to fit either 1.25" or .965" eyepiece-holders. The 1.25" barrels are threaded to accept Meade color and nebular filters *(p. 98)*. Alternately, the **Variable-Projection Camera Adapter (1.25")** includes a sliding mechanism, permitting variable projection distances during eyepiece projection photography, avoiding the need to switch to higher power eyepieces when additional projection enlargement is desired. Each complete adapter consists of two separable units for either prime focus or eyepiece-projection photography. Basic and Variable-Projection Camera Adapters should be used with a T-Mount, ordered separately, appropriate to your brand of 35mm camera.



#777 Off-Axis Guider for LX-Series Telescopes: During long-exposure astrophotography it is essential that the photographer *(a)* be able to observe when the telescope starts to wander slightly off-target, and *(b)* be able to make small corrections to the telescope's position to bring the instrument back precisely on-target. The Meade #777 Off-Axis Guider solves the first of these requirements; namely, it permits the observer to monitor an exposure simultaneously as the photograph is being taken. (Drive correctors solve the second requirement.) The Off-Axis Guider is similar in function to the **#62 T-Adapter** *(p. 62)* in that it couples the camera body to the telescope for prime focus photography, but with an important difference: a small part of the light at the edge of the telescopic field is diverted at a 90° angle to the unit, where it is observed on the crosslines of an illuminated reticle eyepiece *(p. 106)* to detect any change of position. The #777 Off-Axis Guider has been used in this way countless times to obtain very high quality long-exposure photographs of deep-space objects. The guider unit threads to the rear cell of all Meade LX-Series mirror-lens telescopes *(pp. 16 - 57)* and to other brands of Schmidt-Cassegrain telescopes. Use with the appropriate T-Mount, ordered separately, for your camera brand.



Variable-Projection Tele-Extender: The Meade Variable-Projection Tele-Extender allows for a continuous range of projection magnifications during eyepiece-projection photography with a Meade LX-Series mirror-lens telescope *(pp. 16 - 57)* or other brand of Schmidt-Cassegrain telescope. The additional projection range is of particular value in high-resolution lunary and planetary photography. The Variable-Projection Tele-Extender attaches to the outer-diameter threads of the eyepiece-holder of the telescope, into which is inserted an eyepiece, typically of about 15mm to 32mm focal length. A T-Mount, ordered separately, for your 35mm camera brand then connects your camera body to the Tele-Extender.